

**Notice of Allowability**

Application No.

10/080,623

Examiner

J. Bret Dennison

Applicant(s)

YASAKI ET AL.

Art Unit

2143

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 7/11/2006.
2. ☒ The allowed claim(s) is/are 1-11.
3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☒ All    b) ☐ Some\*    c) ☐ None    of the:
  1. ☒ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

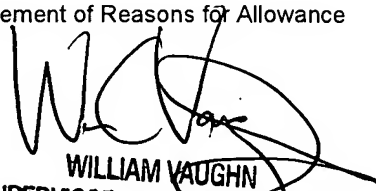
**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
  5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
    - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached  
1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
    - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☒ Information Disclosure Statements (PTO/SB/08),  
Paper No./Mail Date 2006-2-14
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material

5. ☐ Notice of Informal Patent Application
6. ☒ Interview Summary (PTO-413),  
Paper No./Mail Date attached.
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_\_

  
WILLIAM VAUGHN  
SUPERVISORY PATENT EXAMINER  
TECHNOLOGY CENTER 2100

### **EXAMINER'S AMENDMENT**

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Thomas E. McKiernan (Reg. No. 37,899) on 29 September 2006.

### **IN THE CLAIMS**

Claim 12 (Canceled)

### ***Allowable Subject Matter***

Claims 1-11 are allowed in view of the Applicant's arguments (Response filed 7/11/06, pages 8-16 of Response filed 5/22/06) and the cited prior art of record. The independent claims recite a system made up of a server connected to a terminal in which the server includes a buffer for cumulating transmission data for the latest predetermined quantity in each communication line for each MAC address that is unique to the communication line, a switch processing portion for performing a switch process of a plurality of communication lines, a switch request receiving portion for receiving from the terminal a request to switch the communication line and an address

Art Unit: 2143

in the buffer indicating data received by the terminal, a line selecting portion for selecting an appropriate communication line in response to the request to switch the communication line, a switch instruction transmitting portion for transmitting an instruction of switching to the selected communication line and an address in the buffer indicating data received by the server, and a data destination switching portion for transmitting data to the communication line after the switching, by rewriting a MAC address of packet data and stored before the switching and a MAC address of packet data to be received after the switching, and by copying both the packet data to a buffer area of a MAC address corresponding to the communication line after the switching, and the terminal includes a buffer for cumulating a predetermining quantity of latest transmission data in each communication line for each MAC address that is unique to the communication line; a cable mate detecting portion for detecting mating or unmating state of a communication cable, and a switch processing portion for performing a switching process of the plurality of communication lines, a switch requesting portion for transmitting to the server a request to switch the communication line and the address in the buffer indicating data received by the terminal in accordance with a predetermined instruction including a signal from the cable mate detecting portion, a switch instruction receiving portion for receiving a switch instruction transmitted from the server and an address in the buffer indicating data received by the server, and a switch executing portion for executing the instruction to switch to the communication line designated by the switch instruction and for synchronizing contents of the buffer of the terminal with that of the server in accordance with the address in the buffer received from the server,

in which the server and terminal must be used together in order for the system to work, which, in addition to the rest of the claim limitations, are distinguished from the prior art. For support, see Instant Specification (pages 4-6, 9-13)

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

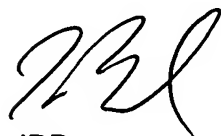
### ***Conclusion***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to J. Bret Dennison whose telephone number is 571-272-3910. The examiner can normally be reached on Monday-Thursday 9am-5:30pm Eastern.

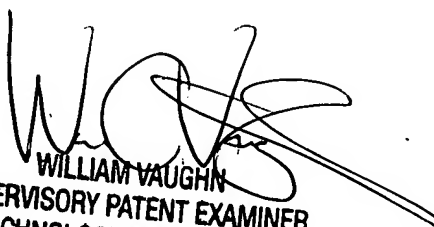
If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, David Wiley can be reached on 571-272-3923. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Art Unit: 2143

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



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